For supplying the corporation at Coventry with iron pipes, &c., for the intended water works; to be from 2 inches to 14 inches diameter, and in length about 21,550 yards or 12¼ miles.

For the executing of contract No. 1, of the Lynn and Dereham Railway, being a distance of about nine miles.

APPROACHING SALES OF WOOD, &c.

BY AUCTION.

At Fivehead, near Taunton: a quantity of large sized elm, oak, ash, and poplar timber trees, with their tops, lops, and bark, as now standing.

At Pesseuhall, near Abingdon: a large quantity of ash, beech, and elm plank, and elm board.

At Steeple Bumpstead, Essex: 150 remarkably fine ash timber trees, beautifully clean and very straight.

At Guilden Morden, Cambridgeshire: 25 capital wych elm, and 8 ash timber trees, &c.

At Stanbourne and Steeple Bumpstead, Essex: 60 ash and 70 elm timber trees, of large dimensions and straight.

BY TENDER.

At Mast House, Mill-wall, Poplar: an extensive stock of prime yellow pine trees, of various lengths and diameter.

TO CORRESPONDENTS.

"A. T. P."—*The architect is not bound to do either the one or the other. Our correspondent will find reference to the point in next week's* BUILDER.

"W. G. B."—*We regret that we have not time to give him the explanation asked. Should an opportunity occur, we will do so.*

"Amicitia" *should apply to the secretaries of some of the railway companies.*

"J. M." (John-street).—*The address is* 29, *Tottenham-street.*

"Ordnance-road."—*If there be a common sewer within* 100 *feet from any front of the buildings about to be erected, drains must be made into it.*

"Old Subscriber" (Bethnal-green).—*Porter, of Southwark-bridge Iron-works, supplies iron houses, and will give all information required.*

"G. W."—*We shall avail ourselves of the circular.*

"J. J."—*A proof shall be sent as requested.*

"F. M." (Lambeth).—*What report is it that contains the statements as to charge referred to?*

"A Casual Observer."—*Our principal reason for giving the names of parties in the cases decided by referees, is to afford means of reference to persons who may desire to consult the documents at the registrar's office.*

"C. R. B."—*The tone of our correspondent's letter of the* 31*st would justify such a reply as might neither be useful nor gratifying to him. We allow no personal feeling to interfere with the discharge of public duty. He must be aware that it would be useless to publish all awards, and that we select those which are most likely to be useful.*

"Roman Cement."—*A correspondent wishes to have an analysis of the stone from which Roman cement is made.*

"W. W."—*Guernsey granite broken is the material recommended by Sir James McAdam. No other material is mixed with it.*

"J. D." (Birmingham), and "J. T." (Pimlico), *had better advertise.*

"A Builder."—*We will look to the Quadrant.*

"An Apprentice" *should probably find Grayson's Architectural Drawing School, at No.* 1, *Banner-street, Old-street, answer his purpose.*

"G. L."—*Ditto.*

"A Subscriber." (Metropolitan Improvements).—*We are uncertain, but will inquire.*

"Public Necessaries."—*The importance of this subject is becoming daily more evident. We have received several communications on the subject, and will give them early consideration.*

"Q." *has our thanks; but we cannot promise insertion at this moment. We have many communications to the same effect.*

"Sawing Machine."—*In answer to J. E., Mr. Monson, of* 30, *East-street, Manchester-square, says: "He has in use a machine, with fly-wheel* 7 *feet diameter, to dispose off, with saw, &c., complete for working.*

"A Subscriber."—*The address is Messrs. W. Basford & Co., Longport Brick and Tile Works, Staffordshire Potteries.*

Next Week:—"E. N." (St. Benet's Fink); "Architecture in France;" "State of the gas mains;" "Goethe on Palladio;" "O. O. O.;" "Constant reader;" "T. A. H;" "Colour in interior decoration;" "Laws relating to Buildings."

"G. T."—*A day was wasted in the ineffectual attempt to obtain the cuts promised.*

Received:—"Looker-on;" "J. P." (Shrewsbury); "Investigator;" "A regular brick;" "A Hand Book for Lewes," by Mark Anthony Lower (Russell Smith Compton-street); "Mephystopheles," No. 4; "Dolman's Magazine" No. XI. for January.

ADVERTISEMENTS.

NOTICE TO INVENTORS.

OFFICE FOR PATENTS OF INVENTIONS and REGISTRATIONS of DESIGNS, 14, Lincoln's-inn-fields.—The printed INSTRUCTIONS gratis, and every information upon the subject of PROTECTION for INVENTIONS, either by Letters Patent or the Design Acts, may be had by applying personally, or by letter, pre-paid, to Mr. ALEXANDER PRINCE, at the office, 14, Lincoln's-inn-fields.

LONDON and BRIGHTON RAILWAY COMPANY, HORSHAM and KEYMER Branches. EXTENSION OF TIME.

The period for delivery of sealed Tenders for these works is extended to Thursday, the 15th January next, at 1 o'clock in the afternoon, when the parties tendering, or an authorised agent, must attend at this office.—By order,

T. J. BUCKTON, Secretary.

Brighton Railway Office, London Bridge Terminus.
29th Dec. 1845.

IMPORTANT TO SURVEYORS, BUILDERS, &c.

GALVANIZED TINNED IRON and ZINC MANUFACTORY, 17, Exmouth-street, Clerkenwell.

J. DORE begs respectfully to inform Builders and Surveyors, that on account of the Increasing Demand for Galvanized Tinned Iron, he has made such arrangements as will enable him to manufacture every article usually made in Zinc, at the same Prices; also begs to recommend this metal corrugated for Roofing as the most Economical, as it can be laid without Boards upon Slight Rafters.

Every Article manufactured in Zinc as usual, at the lowest possible prices.

DAY'S PATENT WINDGUARD, for ventilating churches, hospitals, factories, theatres, breweries, malt-houses, club-houses, shops, bed-rooms, smoking-rooms, school-rooms, nurseries, stables, larders, kitchens, offices, ships, mines, vaults, tunnels, &c. Also for preventing down draft; and is guaranteed to cure all smoky chimneys caused by wind; and entirely supersedes the use of revolving cowls, or any thing moveable or unsightly on the tops of chimneys or ventilators.

The object of this invention is to create a draft where otherwise it would not exist, by the spontaneous action of the external air. The Windguard forms a pleasing octagonal pillar, and by its peculiar construction to carry out the principle on which it is based, which consists of the wind giving a disposition for a vacuum within, thereby causing a continual upward current about equal to the velocity of the wind at the time acting upon it, which averages about six feet per second thirty days out of thirty-one; therefore, will nearly at all times ensure a continual change of air, being no impediment to spontaneous ventilation, even on a perfectly calm day. One five feet square will ventilate a building containing upwards of 1,000 persons. The Windguard applied to ships and steam vessels, in the form of a sky-light, prevents rain or the sea entering within, however boisterous the weather may be, thereby affording excellent ventilation as well as light. The Windguard is simply applied for effectually ventilating bed-rooms, nurseries, smoking-rooms, offices, &c., causing the air of the apartment to be at all times as pleasant as can be desired. It is fixed at the top of the chimney, in addition to which a cast-iron frame and valve (about one foot area), made to open and shut at pleasure, is let into the flue, near the ceiling of the room, to allow the constant ascending vitiated air being immediately carried off. The opening is guarded by a neat venetian blind or grating; and so powerful is the effect on a windy day that if a handkerchief be thrown up to the grating, it will remain there—i. e. if the valve be open. In winter the valve would be only partially open, to allow the smoke to ascend, but if the room be found too cold can be entirely closed. The Windguard applied to the tops of chimneys prevents all annoyance from smoke (caused by wind); indeed, where it does not, nothing else applied at top will (of the same size); care, therefore should be taken to have the proper size applied. It is simple in its application, reasonable in price, ornamental in appearance; no machinery or anything moveable in it, therefore, cannot get out of order; free from noise or any unpleasantness whatever; not liable to choke up with soot; no obstacle to the machines used for sweeping chimneys. May be had of all respectable ironmongers in town and country; and may be seen daily in operation, where its powers and usefulness are exhibited by the severest tests, at THE PATENT VENTILATING WORKS, COMMERCIAL-ROAD, PIMLICO, LONDON; where also may be seen Mr. G. T. Day's plans illustrating the different applications of his Patent Archimedian Ventilator and his Portable Water Apparatus) for effectually Ventilating, Warming, and Cooling the Air of Buildings, Ships, Mines, &c. &c. By the use of these inventions any thousand cubic feet, or any quantity of pure warm or cold air, can be guaranteed to be continually exchanged per minute, day and night, winter and summer; thereby insuring, at all times, free ventilation to the rooms and passages of buildings, &c. from the basement to the roof, at the same time in such a manner as shall not be inconveniently perceptible. The size of the apparatus depends on the nature and use of the building and its occupants.

The Patentee has been honoured by his inventions being applied at the following places:—

Windsor Castle, Buckingham Palace, St. James's Palace, Claremont Palace, Walmer Castle, the Houses of Parliament, New Conservative Club, White's Club, Travellers' Club, Oxford and Cambridge, Parthenon, Wyndham, Army and Navy, Senior United Service, Junior United Service, Admiralty, British Museum, Somerset House, Custom House, Mint, Hon. Artillery Company, H. M. Salamander, Trinity House, Ordnance, Greenwich Hospital, Christ's Hospital, Westminster Hospital, Bethlehem Hospital, Surrey Lunatic Asylum, New Royal Exchange, Mansion House, Goldsmiths' Hall, Fishmongers' Hall, Haberdashers' Hall, Dyers' Hall, Grocers' Hall, Armourers' Hall, Weigh House Meeting-house, Hanover-square Rooms, Theatre of the Westminster Literary and Scientific Institution, Grand Cigar Divan, Strand, City Club, and many other Public Buildings in Town and Country, as well as to the Mansions of many Noblemen and Gentlemen. Licenses granted for Manufacturing the above. Drawings and Plans made for Ventilating and Warming Buildings of every description.

THE SYPHON FUNNEL for Smoky Chimneys. This Machine creates a good draft in chimneys, and when this is required will be found the best machine invented for the purpose. It also protects chimneys from wind. Apply to GREEN and BENTLEY, Ironmongers, 27, Upper George-street, Edgware-road, or to Mr. VICKERS, Agent, 26, Sidney-street, City-road.

NOVEL PLAN FOR CURING SMOKY ROOMS.

THE SMOKE ELEVATOR, secured to the Advertiser by Act of Parliament, can readily be attached to any old or new pattern room stove, without disfigurement or removal of the stove, at a less cost than any patent chimney-pot, and with a certainty of success beyond comparison.—Sold by C. RICKETS, patentee of the colorific gas stoves, for warming churches, halls, rooms, shops, or any other kind of building, without a chimney.—No. 5, Agar-street, Strand, opposite Charing-cross Hospital.

WILSON'S PATENT VENTILATING SPIRAL CHIMNEY POT, for the cure of smoky chimneys (manufactured by J. PORTER), is the ONLY article for the purpose which assists the draft of the chimney by an external propelling power. Upwards of fifty were fixed last winter on the chimneys of Buckingham Palace, and Windsor Castle, with great success. This Chimney-pot is not only the best and most effectual ever invented for the purpose named, but stands unrivalled in its ornamental appearance. The public may be supplied with the above useful article by any of the respectable ironmongers, or at the sole manufactory, Southwark-bridge Iron Roofing Works.

TO THE BUILDING PUBLIC.

SASHES AND FRAMES, DOORS, &c.

Manufactured for the Trade
By C. W. WATERLOW,
121, Bunhill-row, Finsbury-sq.;
Best Materials.—Lowest Prices.
Terms: Cash.

Full lists of prices may be had on application at the counting-house; if by letter, pre-paid, inclosing postage-stamp.
A large stock of well-seasoned Doors always on hand.

BIELEFELD'S PAPIER MACHE.—The superiority of the Papier Mâché for the purposes of ARCHITECTURAL DECORATIONS is now so generally admitted, that it is needless to argue it. The introduction of Papier Mâché into most of the public and private buildings in the country is the best proof of its merits. Ornaments may be had in almost every style, and pattern-books, containing more than a thousand executed designs. Price 1*l.*

PICTURE FRAMES and other Articles of Furniture, either gilt or in imitation of the finest carved oak. An illustrated Tariff forwarded on the receipt of eight post-office stamps.

PATENT QUAQUAVERSAL GLASS-STANDS for the toilet, on an entirely new principle, of great elegance, and free from all the practical inconvenience of ordinary Glass-stands.

At the works, 15, Wellington-street North, Strand.

THE CONSOLIDATED LOAN, ANNUITY, and GENERAL LIFE ASSURANCE COMPANY. Registered Provisionally. Capital 500,000*l.*, in 20,000 shares of 25*l.* each, deposit 2*s.* 6*d.* per share, which, on complete registration, will be increased to 1*l.* 5*s.* per share; and from the experience derived from the working of other Insurance offices, it is not expected that a paid-up capital of more than 2*l.* or 3*l.* per share will ever be required. This Company embraces all the varied objects of life assurance, and by means of monthly payments, will extend the benefits to every class of society; it will also advance money to enable persons to erect or purchase residences, or other freehold or leasehold property, upon the principle of a Building Society, without requiring the borrower to pay arrears of subscriptions, or to continue them beyond a limited period, which will secure to the shareholder a much larger and safer return than he can realise in any other property. Shareholders will also have a preference in obtaining loans.—Applications for Shares to be made to T. G. WESTERN, Esq., Managing Director, 26, Leadenhall-street, of whom Prospectuses may be had.

PROFESSOR KELLER'S POSES PLASTIQUES.

ROYAL ADELAIDE GALLERY.—This day, and during the week, Professor Keller will exhibit at the Adelaide Gallery his Grand Tableaux Vivans from the Ancient Masters, which have received so largely the encomiums of the press. Every morning at half-past three, and in the evening at nine o'clock. Great efforts have been made to add to the effects of this exhibition. A variety of new subjects have been added to those already presented to the public. The Concerts as usual. Also Pilbrow's Atmospheric Railway model, with explanatory lecture.

CHRISTMAS HOLIDAYS.

ROYAL POLYTECHNIC INSTITUTION.—The Lectures selected for this period of the year, by Dr. Ryan and Professor Bachhoffner, in Chemistry and Natural Philosophy will be illustrated by interesting and beautiful experiments. A Lecture on the Prevalent Disease in Potatoes will be delivered by Dr. Ryan, and also on the Atmospheric Railway, by Professor Bachhoffner, a working Model of which, carrying several persons, is exhibited daily. The additions to the Opaque Microscope, Dissolving Views, and Chromatrope are very effective. The Physioscope, Submarine Experiments by means of the Diver and Diving Bell. Among the various additions to the Working Models is Coleman's new American Locomotive Engine, for ascending and descending Inclined Planes. A magnificent Collection of Tropical Fruits. Mr. Thomas, the celebrated Flute-player, will take part in the Music, conducted by Dr. Walsh. Open from Eleven to half-past Five, and from Seven to half-past Ten in the Evening.—Admission, One Shilling. Schools, Half-price.

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